

19991222.qrp v01_n677.qrl.991222

Date: Wed, 22 Dec 1999 19:03:04 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1677

QRP-L Digest 1677

Topics covered in this issue include:

- 1) [58557] MFJ was Great to ME!
by RLucch2098@aol.com
- 2) [58558] Improved OPAMPS for linear audio filter upgrades
by "Bob Helms" <af5z@inetport.com>
- 3) [58559] Re: Question on Logging Practices
by Ray Colbert <af852@rgfn.epcc.edu>
- 4) [58560] Code Warrior Jr.
by "Ron Polityka" <wb3aal@talon.net>
- 5) [58561] Fw: General information
by "Walt Amos" <waltamos@surfree.com>
- 6) [58562] Re: Question on Logging Practices
by lenny wintfeld <w2bvh@home.com>
- 7) [58563] looking for
by David Gilson <kd3em@velocity.net>
- 8) [58564] FL-45 narrow cw filter for sale (IC-730, etc)
by Jim/Julia <w7ls@blarg.net>
- 9) [58565] Icom IC-730 for sale
by Jim/Julia <w7ls@blarg.net>
- 10) [58566] FS: Icom & Yaesu Spkrs
by "Ed Tanton" <n4xy@att.net>
- 11) [58567] Re: MFJ WOW!
by Wayne Alexander <walexan@ipa.net>
- 12) [58568] KL mW Holiday test Dec. 26 - 28
by Jim Hale <kj5tf@yahoo.com>
- 13) [58569] Re: MFJ WOW!
by Norman Young <normany@mindspring.com>
- 14) [58570] Re: MFJ WOW!
by Joe Stodgel <joe_stodgel@yahoo.com>
- 15) [58571] Re: MFJ was Great to ME!
by Nv4t@aol.com
- 16) [58572] miniDXpedition sort-of
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
- 17) [58573] HEATHKIT HW-8
by kc8aon@juno.com
- 18) [58574] RE: W0RSP/7 Tempe AZ 12/24-1/2
by aweiss@usd.edu (Ade Weiss W0RSP)
- 19) [58575] RAC WINTER CONTEST

- by VE3JC - John C <jbcumming@wwdc.com>
- 20) [58576] Fireball SOP Receiver kit is here!
by "George Heron N2APB" <n2apb@erols.com>
- 21) [58577] Re: Improved OPAMPS for linear audio filter upgrades
by Thomas Kuehl <ac7a@gci-net.com>
- 22) [58578] To all List members
by "Donny" <dsirait@centrin.net.id>
- 23) [58579] NorCal Paddles Get Mojo!
by Bob Patten <n4bp@bc.seflin.org>
- 24) [58580] Re: MFJ WOW!
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>
- 25) [58581] Re: Improved OPAMPS for linear audio filter upgrades
by Bill B Lazure <n2tpa@juno.com>
- 26) [58582] Re: MFJ WOW!
by Bill B Lazure <n2tpa@juno.com>
- 27) [58583] Re: MFJ WOW!
by "Francis Callahan" <colcal@srv.net>
- 28) [58584] MFJ
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 29) [58585] WANTED: 263 VFO FOR CORSAIR I
by ARDUJENSKI@aol.com
- 30) [58586] FS - OHR 100 (40M)
by M Goins <mgoins@usa.net>
- 31) [58587] MFJ is only partially responsive
by "AI2Q Alex" <ai2q@ispchannel.com>
- 32) [58588] RE: MFJ is only partially responsive
by Karl Kanalz <KKanalz@excel.com>
- 33) [58589] MFJ
by Roger Hightower <n7kt@earthlink.net>
- 34) [58590] Re: MFJ is only partially responsive
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [58591] CONTESTS: Norcal TTF
by Dean W Manley <kh6b@juno.com>
- 36) [58592] Re: CONTESTS: Norcal TTF
by "John J. McDonough" <wb8rcr@arrl.net>
- 37) [58593] MFJ
by Fred Lesnick <flesnick@tbaytel.net>
- 38) [58594] IronDemo.ZIP Limited Ranges on Demo Versions
by Dave Barrett <DBarrett@creo.com>
- 39) [58595] Re: MFJ
by Rod Cerkoney <rlw@frii.com>
- 40) [58596] UPS COD
by ARDUJENSKI@aol.com
- 41) [58597] MFJ eMail Filter
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 42) [58598] Re: FS: Sierra also QRP trip to 7-land
by "Hugo Catta" <h.catta@worldnet.att.net>
- 43) [58599] Nice Propagation Site

by Rod Cerkoney <rlw@frie.com>
44) [58600] Hi-speed CW trainer
by Rod Cerkoney <rlw@frie.com>
45) [58601] Sierra as yesterday's newspaper
by Roger Traylor <traylor@ECE.OST.EDU>
46) [58602] Re: UPS COD
by "Kevin Glynn" <9glynn@sverdrup.com>
47) [58603] Re: UPS COD
by "Chris" <w4yyz@tampabay.rr.com>
48) [58604] RE: UPS COD Rocks or Radios
by Dave Barrett <DBarrett@creo.com>
49) [58605] Re: UPS COD
by semann@tcia.net (Steven Mann)
50) [58606] RE: UPS COD Rocks or Radios
by James Skalski <jskalski@localnet.com>
51) [58607] Re: UPS COD
by "Mike Yetsko" <myetsko@insydesw.com>
52) [58608] Re: Improved OPAMPS for linear audio filter upgrades
by "Steven Weber" <kd1jv@moose.ncia.net>
53) [58609] Sierra radio found to be illegal...
by Robert Marlan <rsm@halcyon.com>
54) [58610] Bird Wattmeter? Opinions?
by "Kevin Glynn" <9glynn@sverdrup.com>
55) [58611] Re: UPS COD
by RangerSF5@aol.com
56) [58612] Re: Counterpoise question
by Chuck Ludinsky <cjl@mitre.org>
57) [58613] Re: UPS COD -- NO WAY !!!
by HWRM1SS@aol.com
58) [58614] Coastal Dynamics Wattmeter?
by "Kevin Glynn" <9glynn@sverdrup.com>
59) [58615] Log / QSL programs...
by "KA5T Larry Wise" <lewise@inetport.com>
60) [58616] Thanks for help on qrp +
by femens@hiwaay.net
61) [58617] Re: Improved OPAMPS for linear audio filter upgrades
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
62) [58618] Wanted Logging program for Poquet PQ0181
by n2cx@voicenet.com
63) [58619] Re: Wanted Logging program for Poquet PQ0181
by "Kevin Glynn" <9glynn@sverdrup.com>
64) [58620] Re: UPS COD -- NO WAY !!!
by "Chris" <w4yyz@tampabay.rr.com>
65) [58621] sierra mods site
by M Goins <mgoins@usa.net>
66) [58622] Re: UPS COD -- NO WAY !!!
by "J. Ervin Bates" <w8erv@email.msn.com>
67) [58623] Re: MFJ WOW!

by K2UD@aol.com
68) [58624] SIERRA FOR SALE
by Barry J Minsky <w2bj@juno.com>
69) [58625] Re: Sierra as yesterday's newspaper
by Larry Cahoon <wd3p@juno.com>
70) [58626] Re: sierra mods site
by "George Heron N2APB" <n2apb@erols.com>
71) [58627] Some Atlanticon travel updates
by "George Heron N2APB" <n2apb@erols.com>

Date: Tue, 21 Dec 1999 19:20:23 EST
From: RLucch2098@aol.com
To: qrp-l@lehigh.edu
Subject: [58557] MFJ was Great to ME!
Message-ID: <0.d70d1d56.25917347@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Guys;
While the MFJ "ball" is rolling along, I want to add that I had accidentally broken off the pointer on my Regen radio made by MFJ.
When I called to inquire about the possibility of obtaining one, I was told that they would send out one, Gratis!
Three days later a catalogue showed up with the pointer in a plastic bag, stapled within.
I thought that was great given the fact that I was not the original purchaser.
Thanks es 73....Rich WA2RQY (1961)
WA2RQY's "confusion Radio" Web-Page
[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)
RLUCCH2098@aol.com
"Keep those heaters on"

Date: Tue, 21 Dec 1999 18:27:12 -0600
From: "Bob Helms" <af5z@inetport.com>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [58558] Improved OPAMPS for linear audio filter upgrades
Message-ID: <199912220027.SAA02940@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I enjoyed the recent posts concerning the characteristics and advantages of various types of audio filters for use with receivers.

It would seem that considerable improvement could be made in noise level reduction by replacing older type Opamps in both commercial, kit and home constructed audio filters with current high performance chips with the same pinouts.

I would like to improve an older Autek Research QF-1A which uses two LM348N or MC4741 chips. These are 14-pin plastic DIP chips with four Opamp stages in each package.

This has been a challenge for several reasons:

1. My reference library is small and rather dated. Finding possible substitute ICs with the same pinout is tough to do with online data sources. Searching by function is a start but I've found no way to search by pinout or package style.
2. Once I locate data sheets for a candidate replacement, interpreting the data bring up several more questions.
 - Are Opamps designed for single (only a positive voltage) power supplies interchangeable with those intended for differential (typically positive and negative 10 to 20 VDC) power supplies?
 - Are faster slew-rates (wider bandwidth) types preferred or to be avoided for low frequency audio applications?
 - Are JFET or BIFET input types usable in older circuits designed for bipolar input ICs?
 - What output current capabilities are needed in typical audio filter circuits? Many current design ICs are for the portable, low power, low voltage applications with battery power.

Finally, is this idea worth pursuing? Will the reduction in noise be noticeable in the headsets?

If any of you have tried these ideas, please post your results to the group. I hope to install IC sockets on the board of my filter and measure the performance results with test equipment before and after the modification. It should be rather easy to swap chips and learn a few things here!

Season's Greetings,

Bob Helms, AF5Z
af5z@inetport.com

Date: Tue, 21 Dec 1999 17:50:25 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>

To: qrp-1@lehigh.edu
Subject: [58559] Re: Question on Logging Practices
Message-ID: <38602051.167EBE1E@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not only, as some have already said, is it a reference to tests, qso/qsx information in effect a diary of the station and operator's operating status, but at one time had been considered by most U.S. courts of law as legal documents. Not sure if that status still exists since the requirement for maintaining a log has been removed from the regulations. I do know that while undergoing an inspection conducted by a FCC engineer, the first item he asked for was my log or if I kept one. Which I promptly and proudly showed and explained the entries and times. Put the onus back on the complaining party and reinforced my belief the use of a station log.

73

Ray

--

"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 21 Dec 1999 19:51:15 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-1@Lehigh.EDU>
Subject: [58560] Code Warrior Jr.
Message-ID: <000d01bf4c16\$a7456e40\$9fe508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

Vibroplex came out with a new key.
Check Jan. 2000 QST on page 89.

Happy Holiday to All

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>
120 + Work Units Completed

Date: Wed, 22 Dec 1999 01:15:04 -0000
From: "Walt Amos" <waltamos@surfree.com>
To: "Qrp-l Posts" <qrp-l@lehigh.edu>
Subject: [58561] Fw: General information
Message-ID: <003201bf4c19\$fb428fc0\$18891b26@waltk8cv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You also must put end after it if you use something like junos that tack on any kind of message / advertisement or whatever at the end !

```
set qrp-l mail postpone
end
```

like the above !!

Walt K8CV Royal Oak, Michigan QRP-L # 935 ZOMBIE # 188
K-2, original knob and I sneak out to the shack late at night and worry about the PA option!

----- Original Message -----
From: Junius Fox <w5hir@ghg.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 21, 1999 23:03
Subject: General information

> If you are going away for the holidays, and want to postpone the e-mail,
>
> send the message to:
> listserv@lehigh.edu
>
> NO SUBJECT
>
> in the body of the message space type: Set qrp-1 mail postpone
>
> if there is anything else in the text block... take it out
>
> Have a happy holidays,
>
>
> Foxy w5hir@ghg.net
>
> w5hir@ghg.net
> <http://www.ghg.net/w5hir>
>
>

Date: Tue, 21 Dec 1999 20:14:09 -0500
From: lenny wintfeld <w2bvh@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58562] Re: Question on Logging Practices
Message-ID: <386025E1.1611F4BB@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi!

Thanks to all for comments on logging practices. Based on your comments and a little of my own common sense I'm going to log all q's (complete or partial) and also note "time at the rig" for each session to cover any interference complaints.

Best wishes for a happy and healthy Holiday season & hope to "see" you on the air.

73, Lenny
w2bvh

Date: Wed, 22 Dec 1999 01:41:45 +0000
From: David Gilson <kd3em@velocity.net>
To: qrp-l@Lehigh.EDU
Subject: [58563] looking for
Message-ID: <385FE609.44DA3C83@velocity.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm looking for a old friend of mine KL7IVQ Scott A. Behnke. Last known qth Genesco KS. I looked up his call and no luck in finding any new information. Just wondering if any one out there might know his were about and maybe have a better snail mail address for him. Thank You and to everyone have a very Merry Christmas and a great New Year.

David Gilson
KD3EM

Date: Tue, 21 Dec 1999 17:47:11 -0800
From: Jim/Julia <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [58564] FL-45 narrow cw filter for sale (IC-730, etc)
Message-ID: <38602D9F.3C0FD69E@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I have a spare narrow cw filter (FL-45) that fits the Icom 730 and some other Icoms, I'm sure. \$50 plus shipping (not much, say \$3 for Priority<yeah, right> Mail.

73 de Jim, W7LS

Date: Tue, 21 Dec 1999 17:51:31 -0800

From: Jim/Julia <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [58565] Icom IC-730 for sale
Message-ID: <38602EA3.53224209@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Very nice looking and working Icom 730 for sale. It covers 80-10 meters, including WARC bands, 100 watts output, small, etc. Comes with the HM-7 microphone and original manual. This radio will go qrp, down to 5 watts without doing any modifications.

\$375 plus shipping from 98019 I also have an accessory narrow cw filter available. 73 de Jim, W7LS

Date: Tue, 21 Dec 1999 21:04:41 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "Vintage Solid State List" <VSS@LISTSERV.TEMPE.GOV>, "Duane Fischer" <dfischer@tir.com>, "CW Reflector" <cw@qth.net>
Subject: [58566] FS: Icom & Yaesu Spkrs
Message-ID: <NBBBJDEEIFDDANGEGHLBKECNIEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Both of these speakers are excess to my needs. They are in perfect shape, have seen light usage, and sound pretty good. Both prices include shipping CONUS.

1. Icom SP-20. A/B Inputs; SPKR OFF SW; 2 position HP Filter; 2 position LP Filter; Headphone jack. Line Output. 5W Power capability; 8 ohms. Price: \$90 shipped. Condition: near-Mint.

2. Yaesu SP-102. A/B Inputs. Headphone jack. Line out. Also with passive filters: LOW: NORM 1 2; & HIGH: NORM 1 2. Price \$85 shipped. Condition: excellent.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 21 Dec 1999 21:14:02 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [58567] Re: MFJ WOW!
Message-ID: <4.2.0.58.19991221200003.00967c30@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well while we are on the subject of MFJ.
I have called 5 times and sent E-mail 6 times to no avail.
I have talked with the guy 3 of the times and he said he would
look into my problem and call back that has been 3 weeks ago.
I bought a Mast Clamp and U-bolts from them and The mast clamp
is wrong and the U-bolts don't have any nuts with them. MFJ knows
about this and have done nothing to correct it. I am not pleased with
the company at all.

73,
NOEA
Wayne
Willard, MO
FISTS # 4907
QRP-L # 1058

Date: Tue, 21 Dec 1999 19:16:58 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [58568] KL mW Holiday test Dec. 26 - 28
Message-ID: <19991222031658.23959.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Its getting close! Those Knightlites and the milliwatt
contest. Its a 3 day event so almost everyone should
be able to join in for at least one day.

A wonderfull opertunity for QRP club stations to strut
there stuff too.

Look for NQ5RP the Arkansas QRP club station on all
the standard QRP calling frequencies, all three days.
In case of QRM I will move up slightly.

This time I'll be useing my new K2 # 702, running on

natural power & batteries. And will operate with
<100mW I'm sure, & I have the TT 290 step attenuator
so we can get really low down maybe.

The rules of the contest are on my website listed
below. If you dont have internet access I'm sure Paul
or one of the KL's will post them here in a couple
days.

72/71's de "Sir Jim Lite" KJ5TF/NQ5RP

=====

Ham radio/alt energy - <http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
AR QRP#2 - Kingston, Arkansas - 35.94N 93.47W

Do You Yahoo!?

Thousands of Stores. Millions of Products. All in one place.
Yahoo! Shopping: <http://shopping.yahoo.com>

Date: Tue, 21 Dec 1999 22:24:06 -0500
From: Norman Young <normany@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58569] Re: MFJ WOW!
Message-ID: <1.5.4.16.19991222032406.2e077e0e@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My \$.02...

I recently came into possession of an MFJ 1224 CW/RTTY interface for our
local club at a hamfest. Problem was that the only software that came with
it was for a Commodore 64 and the manual mentioned nothing about the
availability of PC software.

I went to the MFJ website, left a short email, and received the information
i needed in just a few hours. One person's experience does not make a track
record, but email worked for me in this case.

Obligatory disclaimer: No pecuniary interest in MFJ, etc.

BTW, does anyone have any info on the new MFJ Cub QRP transceivers? The
website has no product info.

72

Norman

>-----
>
>Date: Tue, 21 Dec 1999 13:35:06 -0600
>From: Dave Sjolín <sjolin@swbell.net>
>To: HWRM1SS@aol.com
>Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Subject: [58549] Re: MFJ WOW!
>Message-ID: <385FD66A.805B1967@swbell.net>
>MIME-version: 1.0
>Content-type: text/plain; charset=us-ascii
>Content-transfer-encoding: 7bit
>
>HWRM1SS@aol.com wrote:
>>
>> I am glad someone had a good experience with them. All I wanted was a
>> diagram for my ailing 207. I never got it. I sent several E-mails to their
>> tech support dept. I even went so far as to itemize all the MFJ products I
>> have purchased over the years(11 or 12) to hopefully show to them that I
>> was a good customer. Not even a return E-mail. I own a 259B also and like
>> it a lot, but I worry about the service after the warranty is over as the
>> case with my 207. They used to put a diagram in the back of their users
>> manuals. Why not now? This was the first time I needed them and they let me
>> down 100%.
>>
>> Randy
>>
>> You will get nothing with email. You should either call or write them a
>> letter. I have never had a problem with getting any information from them...
>> In the past when I have needed documentation I have written a brief letter
>> and received the material via return mail or a reference to their website
>> where I can download the document...
>> Howard K3HW
>
>I agree with Howard. I've had nothing but good experiences either
>calling or writing. Unfortunately, unless you are advised to contact the
>manufacturer by email and have had prior experience doing so, its
>probably best to contact manufacturers in the old fashion way. They are
>almost guaranteed to be set up to respond to calls and letters. Email is
>still new at many companies and may be covered hit or miss. For example,
>the one person who has access to the email may be ill or on vacation and
>there the mail sits untouched. I'm not saying its right. Just if you
>want results, dont depend on email. If you are too cheap to use the
>phone, then dont blame the manufacturer for lack of support.
>
>73 de Dave, N0IT
>
>-----

>

Norman Young <><
KA4PUV
Zebulon, NC

Date: Tue, 21 Dec 1999 19:32:06 -0800 (PST)
From: Joe Stodgel <joe_stodgel@yahoo.com>
To: RANDALLR@Healthall.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58570] Re: MFJ WOW!
Message-ID: <19991222033206.3735.qmail@web1402.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

OK, here's another good MFJ experience. I bought an old MFJ artificial ground at a swapmeet, no instructions included. When I called MFJ for a price on a manual, they insisted on mailing me one free.
Joe K6JS

--- Randy Randall <RANDALLR@Healthall.com> wrote:
> I am glad someone had a good experience with them.
> All I wanted was a diagram for my ailing 207. I
> never got it. I sent several E-mails to their tech
> support dept. I even went so far as to itemize all
> the MFJ products I have purchased over the years(11
> or 12) to hopefully show to them that I was a good
> customer. Not even a return E-mail. I own a 259B
> also and like it a lot, but I worry about the
> service after the warranty is over as the case with
> my 207. They used to put a diagram in the back of
> their users manuals. Why not now? This was the
> first time I needed them and they let me down 100%.
>
> Randy E. Randall
> Network Engineer
> The Health Alliance of Greater Cincinnati
> 3200 Burnet Ave.
> Cincinnati, Ohio 45229
> Ph. 513-585-7146
> Fax 513-585-7159
>

> >>> Rod Cerkoney <rwcc@frii.com> 12/21 11:39 AM >>>
> It really is a no matter what warranty!
>
> A few months ago, In a moment of haste I hooked up
> an external
> supply to my 259B, BACKWARDS! It was only a few
> months old, I won't
> go into the embarrassing details, we've all been
> there.
>
> Anyway, I contacted MFJ about repairs figuring I
> would have to pay,
> dearly, for my mistake. They informed me they would
> repair under
> warranty--NO MATTER WHAT--and they did. It came back
> today looking
> and working good as new! WOW!
>
> A big gold star for MFJ's customer support policy's.
> They earned
> my respect and business for a long time to come!
>
> --
> 72/3 Rod, NØRC -- Ft Collins, CO
>
>

Do You Yahoo!?
Thousands of Stores. Millions of Products. All in one place.
Yahoo! Shopping: <http://shopping.yahoo.com>

Date: Tue, 21 Dec 1999 22:57:13 EST
From: Nv4t@aol.com
To: RLucch2098@aol.com, qrp-1@lehigh.edu
Subject: [58571] Re: MFJ was Great to ME!
Message-ID: <0.da599ff8.2591a619@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'll finally add my 2cents- while at the Jax (FL) hamfest, I asked for info on a unit I acquired used, and the guy gladly got it for me on the spot! I also own several of their products- all trouble free!

Official Old Fart

Date: Tue, 21 Dec 1999 23:06:06 -0500
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: <fpqrp@egroups.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [58572] miniDXpedition sort-of
Message-ID: <000c01bf4c31\$dfbce3f0\$0102030a@amd300>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi everyone,

I would like to take this opportunity to wish everyone
a happy holiday season. Like many of you,
I will be on vacation; Florida and Bahamas.
Not sure if I will get my C6A license but
I will most definitely operate qrp on
Key West, Florida on Thursday, Dec 30th.
Expect to be on the beach between 1-3 PM EST.
10 meters qrp at 1 watt with a dipole between Palm Trees.
Rig will be the miniPIG-10 prototype #2. I will
make up some special QSL certificates for those that
work the miniPIG-10 prototype (28060-28064)
<http://www.mpna.com/fpqrp/minipig.html>

Again, I wish you and your family a happy holiday season
and may Y2K be kind to you and your PC's :-)

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
Loveland, Ohio - NE suburb of Cincinnati
FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

Date: Tue, 21 Dec 1999 23:13:45 EST
From: kc8aon@juno.com
To: qrp-1@Lehigh.EDU
Subject: [58573] HEATHKIT HW-8
Message-ID: <19991221.231348.4263.0.kc8aon@juno.com>

CQ The Gang,

Just picked up a Heathkit HW-8 last weekend (looks and works like new), just finished a new audio amp for it tonight, hope to get that installed in time for straight key night ! I plan on doing some receiver mods too ala the HW-8 Handbook - can't wait to get it all finished ! This time I plan on disconnecting it from the antenna each time I get done using it, the last one I had didn't like lightening to well ! Anyway, I worked W0AGG in Rapid City, SD & rcvd RST 589 - gave him an honest 449, if the rst he gave me was an honest one it just shows what QRP can do ! Boy it's sure good to have a multiband QRP rig in the shack again ! Might even put the MFJ 40 meter in the car now !

Hope to work Ya'll soon !

72.....kc8aon

Rick McKee

Willow Wood, Ohio <><

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Date: Tue, 21 Dec 1999 23:25:52 -0600 (CST)

From: aweiss@usd.edu (Ade Weiss W0RSP)

To: qrp-l@lehigh.edu

Subject: [58574] RE: W0RSP/7 Tempe AZ 12/24-1/2

Message-ID: <199912220525.XAA15149@sunburst.usd.edu>

Sunshine and warmth! -5F here. Anything above 60F will be heaven!

Will have my SST fo 30m and Viking 3x5 for 20m.

Hope to work some QRP from there.

Merry Xmas and Happy Y2K to all!

72, Ade

Date: Wed, 22 Dec 1999 00:56:48 -0500

From: VE3JC - John C <jbcumming@wwdc.com>

To: QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [58575] RAC WINTER CONTEST

Message-ID: <38606820.B39B363A@wwdc.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's great to see all the reports of QRP activity in last weekend's contest (from K7RE, VE9HF, VE5QRP, VA3JFF, etc).

I managed to spend more time than I expected in the 'test (in spite of a Christmas dinner, a few hour's sleep, and family obligations). Probably about 13 hours total. Was using the Elecraft K2 to a tribander, 40/80 trap dipole, and a 56' vertical on 160 (got that up the weekend before - ten hours work to give me three qso's and two multipliers on 160!)

The K2 worked very well, and with sufficient patience I was able to work most of the stations I could hear (including working through a pileup to catch Bruce VE5QRP on 10 m ssb). I really "knew" I was QRP when I was trying to work close-in stations via ground wave, for the VE3 multiplier on the higher bands. I could copy their "watery" 100 W signal fine, but they had to really work to hear me. I was very appreciative of the op's at VE3DC (about 100 miles from me) who patiently asked for repeats and finally got my exchange, on 15 m cw and later on ssb).

I was just a few VE QSO's shy of surpassing Peter (VE6YC / VE6NAO)'s record from a couple of years ago, so I was quite delighted. Final result looks like:

QSO'S: 163 VE, 20 RAC, 37 DX POINTS: 2104 MULTS: 70
TOTAL: 147,280

I didn't bother with 6 metres (couldn't find my attenuator for the MFJ rig - I must clean up the shack, or hope that the K2 6m internal converter is on the market soon) or with 2 m. But other than that, worked at least one on every band, both phone and cw.

As Brian K7RE said, the RAC contests are pleasant, laid-back affairs. But I also feel they are ideal for gaining a better appreciation of propagation and specific band characteristics. As a QRP entrant, you get to experiment on all bands, both cw and ssb, over a 24 hour period. You also run into some fine operators, who don't mind stopping and chatting for a minute.

Thanks to Gord K. and the RAC organizers for another fun contest.
MARK JULY 1 ON YOUR CALENDAR FOR THE CANADA DAY CONTEST.

72, John VE3JC

Date: Wed, 22 Dec 1999 01:26:34 -0500
From: "George Heron N2APB" <n2apb@erols.com>

To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [58576] Fireball SOP Receiver kit is here!
Message-ID: <00f001bf4c45\$84f3fc60\$f898accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After many months in development and trial, it's finally ready for prime time ... the New Jersey QRP Club is real happy to announce that the Fireball "SOP" Receiver Kit can now be ordered!

The SOP is a basic "Seat Of the Pants" receiver design by veteran elmer Joe Everhart, N2CX, and is being kitted and sold by the NJQRP Club. This kit is a very flexible and inexpensive direct conversion CW receiver for 40m or 80m. Providing better quality than a single-chip receiver, yet not as complex as a superhet, the SOP's straightforward design and construction is ideal for newcomers to homebrewing scene as well as for experienced QRP builders.

N2CX made this design full-featured, yet also a piece of cake to assemble and get working. We provide a clear and illustrated assembly manual, as well as an extensive "theory of operations" section containing circuit descriptions and operating background for each of the functional blocks. So, in addition to getting your receiver kit successfully put together, the homebrewer will gain a better understanding of the principles of receivers, including oscillators, mixers, RF and audio amplification, and audio filtering.

Like other kits designed and sold by the NJQRP over the years, the new SOP Receiver offers some real interesting "option packs" that the homebrewer can take advantage of to improve the usefulness and fun with this kit. When added to the base receiver PC board design, these option packs enable one to custom build the project into a full-fledged, stand-alone receiver for the radio shack. The SOP options are briefly listed below (and are described in greater detail later in this message):

- Option 1: "Freq-Mite" Audio Frequency Annunciation (i.e. an audio frequency dial);
- Option 2: Homebrew enclosure "a la Manhattan construction pcb material";
- Option 3: Set of all hardware (controls and connectors).

SOP RECEIVER "MINI-SPECS"

=====

Here is a brief review of the SOP receiver's "mini-specifications". (To view a corresponding block diagram, please visit the SOP Receiver web page at <http://www.njqrp.org/receiver/>).

- 1) The SOP is a "universal" HF CW receiver;

- Low current drain; able to operate from 9V battery or 12V source.;
- Small size enables use as custom rig or as standalone portable monitor receiver;
- Jumper selectable operation on 80m or 40m;
- Can be set up on any other HF band (20m-10m) with few component changes;
- No critical assembly or alignment required;
- "Tailorable" for advanced homebrewers - extra pcb space provided for experimentation;
- No "odd-ball" crystals, variable capacitors or other components;
- "Plug and play" design ideal for beginners or advanced homebrewers;
- Solid repeatable design;
- Open layout on PC board simplifies construction.

2) The RF Amp

- Provides front end gain and selectivity;
- Very stable grounded gate FET design;
- Provides adequate gain and enhances noise figure on higher HF bands;
- Tuning via shielded inductor eliminates fragile trimmer capacitors;
- Can be tailored to any HF band via parallel inductor or capacitor (pcb space provided);
- PCB traces provided for user-supplied transmit-receive (T/R) switch, if desired. (Provides auto isolation from transmitter and adds selectivity).

3) The Local Oscillator

- Simple, trouble-free VXO design provides variable tuning control;
- Uses ceramic resonator for 80m & 40m operation, easily placed anywhere on band with alternate resonator/crystal;
- Tunes approx 60 KHz on 80m (3.520-3.580 MHz), and 120 KHz on 40m (7.040 -7.160 MHz);
- Tuning range can be simply limited by changing padding resistors;
- Tuning range covers standard QRP frequencies;
- Can use other crystal or resonator to cover any HF band 20m to 10m;
- Output tank is shielded inductor - eliminates fragile trimmer capacitors
- Output tank tailored to any HF band via parallel inductor or capacitor (pcb space provided);
- Varactor tuning via potentiometer eliminates need for big, expensive variable capacitor;
- PC board has "customization area" to build your own oscillator.

4) The LO buffer

- Stable, repeatable design provides high-level drive to mixer stage for improved performance;
- No adjustments;
- Broadband performance.

5) The Mixer

- Single-chip, passive double balanced mixer
- No diode matching or toroid winding, yet all the benefits of discrete dbm

performance;

- Mixer chip provided as surface mount device pre-soldered to circuit board for simplified assembly;
- Better performance in crowded HF bands than simple IC mixers;
- Simple diplexer on output helps reject interference.

6) The Audio Stage

- Low noise bipolar amplifier provides amplification and filtering;
- Integrated circuit filter aids cw reception;
- Low pass filter "peaked" for CW tones;
- No adjustments;
- No ringing or ear fatigue;
- Filters out high frequency "monkey chatter".

7) The Audio Muting and Amplifier

- Proven muting design quiets receiver audio during transmit via keyline signal from transmitter;
- Bypass resistor on muting switch allows operator to hear sidetone of the transmitted signal;
- Allows verification of transmit frequency offset;
- Proven LM386 amplifier features high frequency hiss rejection;
- Anti motorboat components give clean audio output;
- Sufficient output for low impedance headphones or small speaker.

SOP RECEIVER OPTIONS

=====

The SOP Receiver Kit comes standard with the "base" components and features listed above. But in addition to these base receiver functions, the SOP Receiver Kit may be enhanced with the purchase of the following Option Packs:

Option Pack 1: "Freq-Mite" Audio Frequency Annunciation

=====

We were able to work a great deal with Dave Benson, NN1G to provide the Small Wonder Labs "Freq-Mite" audio frequency annunciator PIC chip and associated components. This add-on option provides an incredibly useful feature of an "audio frequency dial" that delivers the operating frequency of the receiver in Morse code through the audio chain of the receiver. With this option installed in the circuit traces provided on the base PC board, the operator merely needs to press a button to hear the operating frequency delivered in Morse code through the headphones or speaker (e.g. "7042"). It's always accurate and there's no front panel space necessary to know where you are in the band. NN1G was very pleased to be able to contribute his Freq-Mite functionality at a very attractive price to those purchasing SOP kits.

Option Pack 2: Homebrew enclosure: "SOP Box a la Manhattan"

=====

Consistent with the trend these days to be homebrewing one's own QRP enclosures, we're pleased to offer a set of pre-cut and pre-drilled double-sided copperclad boards which allows the homebrewer to create an attractive box for the SOP Receiver. Detailed instructions are provided to allow the builder to solder together and finish a 5" x 5" x 1.5" shadow box consisting of two interlocking U-shaped halves. Enough space is provided in this design to allow the enclosure to also contain a mating transmitter board (like the Fireball 40), or a set of batteries for self-contained receiver operation, or perhaps a speaker for audio output. And in order to help the builder provide smart-looking front and rear panels, two pre-printed acetate sheets are provided for gluing to the panels as control and connector labeling.

Option Pack 3: Set of all hardware (controls and connectors)

=====

Now that you have your SOP Receiver Kit built up on the PC board, populated with your handy-dandy Freq-Mite audio frequency dial, and fitted neatly into the SOP Box enclosure, all you need to do is get the pots, coaxial power jack, antenna and keyline jacks, pushbutton for the Freq-Mite, and all the mating plugs ... and <whew> you'll be in business. Well, we've created the finishing touches on the SOP Receiver by collecting all these controls, jacks and plugs for you in one convenient option bag. We supply the two potentiometers (tuning and audio level) and the mating knobs, rear panel phono jacks for antenna and muting (and the mating plugs!), the coaxial power jack (and its mating plug!), and an appropriate length of colored ribbon cable for wiring up the hardware to the board. Pretty much everything you need!

PRICING

=====

Base SOP Receiver Kit ... \$25

Includes PCB, all board-mounted components,
detailed assembly instructions, and theory of operation manual

Option Pack #1 ... "Freq-Mite" Audio Frequency Annunciation ... \$10

Includes the Freq-Mite microcontroller and associated parts.

Fits onto SOP Receiver pc board.

(Can only be ordered with the Base SOP Receiver Kit above.)

Option Pack #2 ... Homebrew PC Board Enclosure Kit ... \$5

Includes 8-pc set of pre-cut, pre-drilled copperclad boards,
10 screws & 4 standoffs for securing case and SOP pc board,
and acetate labels for front & rear panel.

(Can only be ordered with the Base SOP Receiver Kit above.)

Option Pack #3 ... Controls & Jacks Hardware Kit ... \$9

Includes all off-board controls, jacks and wiring harness;

2 knobs, and 2 mating plugs also provided;

(Can only be ordered with the Base SOP Receiver Kit above.)

*** Don't forget to add the Shipping Costs! ***

US & Canada = \$3

DX = \$6

Example ordering:

Base kit + Option 1 + Option 2 + Option 3 + US shipping = \$52

ORDERING

=====

Write check or Money Order payable to "George Heron, N2APB" and send to:

George Heron, N2APB

2419 Feather Mae Court

Forest Hill, MD 21050

Checks and M.O.'s must be in US funds, drawn on a major US bank.

Sending cash is fine, but carefully wrap the currency for secure mailing.

It greatly helps our fulfillment process if you clearly indicate your shipping address as the return address on your envelope when you place the order.

The NJQRP kitting crew is busily getting the components in quantity and putting the kits together, and we'll be ready to ship in early January. Why not order yourself a belated holiday present and send for your SOP Receiver soon?! This project is going to be one of the topics of ongoing discussion in QRP Homebrewer magazine and cool modifications will be coming along as soon as the Atlanticon QRP Forum on March 24-26 next year. This kit can grow in step with your increasing homebrewing and electronic knowledge.

See the NJQRP website for more information about the SOP Receiver Kit:

<http://www.njqrp.org/receiver/>

Thanks & 72 to all,

--George Heron, N2APB

n2apb@amsat.org

for the NJQRP Club at <http://www.njqrp.org>

Date: Tue, 21 Dec 1999 23:44:34 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: af5z@inetport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58577] Re: Improved OPAMPS for linear audio filter upgrades
Message-ID: <38607351.F0BB6FB8@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Bob:

You ask a lot of good questions with regard to replacing the older op-amps in your Autek QF1A audio filter with newer ones. Probably the most significant questions are whether it is worth pursuing and will it be noticeable in the headphones? This may not be as easily answered as it may seem.

As I recall the QF1A offers a selection of band-pass responses and a notch filter. Forgive me if I don't have that exactly correct; I only owned one briefly and it had a hum problem that I didn't get resolved. But let's just assume that we are talking about replacing the 25+ year old op-amps in any well designed RC active filter.

I have spoke of my post, output stage RC active filter that I use with my Omni V and HW-8 transceivers (two transceivers with appreciably different levels of performance). When I decided to build the filter my design incorporated some very high performance op-amps designed for high-end audio applications. The Burr-Brown OPA2602, dual op-amp was selected because of its very low inherent noise (10 nV/rt-Hz), high open-loop gain (100 dB), and very low THD (0.0003%, $A_v = 1$ V/V, and $f = 1$ KHz). As I've previously mentioned, the filter is selectable between fixed band-pass and low-pass responses.

When the filters were built they were assembled with the OPA2604 op-amps in place. The filter responses were precise and wonderfully noise free - at least to my ears. Then one day I got the bright idea to replace the OPA2604's with some unused, rather old RC4558 op-amps and see how they sounded in the

filter. The TI data sheet says, "The RM4558 and RC4558 are dual general-purpose operational amplifiers with each half similar to the uA741 except offset null capability is not provided." Well, what do you think the filters sounded like when I fired it back up? I never bothered to take the RC4558 op-amps out of the sockets and I am currently using the filter today. My ears could not readily discern any difference in the sound produced by either op-amp.

Now you must understand that the lower performance op-amps will result in less than optimum performance. The filter response characteristics will likely deviate more from the ideal. Their low unity-gain bandwidth will result in degraded performance at frequencies where the open-loop gain drops to low values. But this may occur well above our hearing range. The noise of these older op-amps is surely much higher than some of the devices specifically designed for low-noise operation, but once again will our ears be able to detect the higher noise?

In the case of my home-brew filter and the QF1A they follow the AF power amplifier and operate with low, overall gain. This is definitely a much less demanding application than when the filters are used in a high-gain, low noise, precise filter applications, such as industrial control and biomedical instrumentation. In applications like these the high-performance amplifiers are required and the demands for even higher performance continues.

It is getting late and I have only addressed your fundamental questions. Time permitting tomorrow evening, I will try and answer your more specific questions about the op-amp parameters.

Happy Holidays to all.

Thomas - AC7A (Tucson)

Bob Helms wrote:

- > I enjoyed the recent posts concerning the characteristics and advantages
- > of various types of audio filters for use with receivers.
- >
- > It would seem that considerable improvement could be made in noise level
- > reduction by replacing older type Opamps in both commercial, kit and

> home constructed audio filters with current high performance chips with
> the same pinouts.
>
> I would like to improve an older Auttek Research QF-1A which uses two
> LM348N or MC4741 chips. These are 14-pin plastic DIP chips with four
> Opamp stages in each package.
>
> Finally, is this idea worth pursuing? Will the reduction in noise be
> noticeable in the headsets?
>
> If any of you have tried these ideas, please post your results to the group.
> I hope to install IC sockets on the board of my filter and measure the
> performance results with test equipment before and after the modification.
> It should be rather easy to swap chips and learn a few things here!
>
> Season's Greetings,
>
> Bob Helms, AF5Z
> af5z@inetport.com

Date: Wed, 22 Dec 1999 11:55:04 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58578] To all List members
Message-ID: <000a01bf4c50\$f7a2cec0\$73f992ca@donny>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear List Members,

I would like to wish you all

a blessed last Christmas for the 20th century 25 December 1999
and a happy and prosperous New Y2K year.

I would also like to thank you all for the help I got from the list
members that enrich my radio and other knowledge.
This is a gathering of great and wonderful peoples and
may God bless you all

vy 72 de Donny YB6LD/1
Bekasi Indonesia

calls for assistance right away. I usually close out a call within a day unless I have to research the information/problem. 99% of my calls are usually closed out within a week unless there is a particular problem that takes longer to resolve.

My email Q; however, is piled deep with requests for information and internal (company) traffic. I try to dispatch email traffic as I work through the pile but there are times when things fall through the cracks and do not get responded to for up to a week. My current Q depth is running about 600 messages so it is very easy to loose a note there!

Not making excuses for myself or others for not getting back to customers or potential customers - this is just what happens.

Kevin K Asato
KC6POB
Customer Service Engineer
PairGain Technologies
800.638.0031 (tech support)
888.769.4765 (pager)
-----Original Message-----

From: Dave Sjolin <sjolin@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, December 21, 1999 11:37 AM
Subject: Re: MFJ WOW!

>HWRM1SS@aol.com wrote:

>>

>> I am glad someone had a good experience with them. All I wanted was a
>> diagram for my ailing 207. I never got it. I sent several E-mails to
their
>> tech support dept. I even went so far as to itemize all the MFJ products
I
>> have purchased over the years(11 or 12) to hopefully show to them that
I
>> was a good customer. Not even a return E-mail. I own a 259B also and
like
>> it a lot, but I worry about the service after the warranty is over as the
>> case with my 207. They used to put a diagram in the back of their users
>> manuals. Why not now? This was the first time I needed them and they
let me
>> down 100%.

>>

>> Randy

>>

>> You will get nothing with email. You should either call or write them a
>> letter. I have never had a problem with getting any information from

them...

>> In the past when I have needed documentation I have written a brief letter
>> and received the material via return mail or a reference to their website
>> where I can download the document...
>> Howard K3HW
>

>I agree with Howard. I've had nothing but good experiences either
>calling or writing. Unfortunately, unless you are advised to contact the
>manufacturer by email and have had prior experience doing do, its
>probably best to contact manufacturers in the old fashion way. They are
>almost guaranteed to be set up to respond to calls and letters. Email is
>still new at many companies and may be covered hit or miss. For example,
>the one person who has access to the email may be ill or on vacation and
>there the mail sits untouched. I'm not saying its right. Just if you
>want results, dont depend on email. If you are too cheap to use the
>phone, then dont blame the manufacturer for lack of support.
>
>73 de Dave, N0IT
>

Date: Wed, 22 Dec 1999 03:23:56 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: af5z@inetport.com
Cc: QRP-L@Lehigh.edu
Subject: [58581] Re: Improved OPAMPS for linear audio filter upgrades
Message-ID: <19991222.033904.7598.8.N2TPA@juno.com>

Bob and all,

I tried replacing the MC747 op amps in my Ten-Tec Triton with NE5532s. While it still functioned well, I could tell no improvement in performance.

It was not a wasted effort though, cuz I figured out a neat way to replace IC with different pinouts: Simply wire the new IC to a DIP header. Bend the leads, add wire, do what you have to do to make the new IC's pinout match the old.

73,

Bill
W2EB

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Date: Wed, 22 Dec 1999 03:31:52 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.edu
Subject: [58582] Re: MFJ WOW!
Message-ID: <19991222.033904.7598.9.N2TPA@juno.com>

My experience,

I bought a pair of MFJ paddles. Their web page listed them as having adjustable tension. I could find nothing in the "manual" about this, nor could I find any way to adjust this on the item.

I e-mailed them with a query about this. They responded VERY quickly, but the person that responded didn't seem to have a clue as to what was what on this item. He kept insisting that the spacing adjustments were the tensions adjustments.

I like MFJ products and wouldn't hesitate to buy more. But, it looks like their customer service department needs some work.

73,

Bill
W2EB

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Try Juno for FREE -- then it's just \$9.95/month if you act NOW!
Get your free software today: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 22 Dec 1999 04:43:09 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <normany@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58583] Re: MFJ WOW!
Message-ID: <001501bf4c71\$b9039b60\$37de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I own 8 pieces of MFJ equipment and have always been given the best of service when calling the company and several times things have been fixed

even though they were a week or month out of warranty 72 Cal KF7ET Idaho

----- Original Message -----

From: "Norman Young" <normany@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 21, 1999 8:24 PM

Subject: Re: MFJ WOW!

> My \$.02...

>

> I recently came into possession of an MFJ 1224 CW/RTTY interface for our
> local club at a hamfest. Problem was that the only software that came
with

> it was for a Commodore 64 and the manual mentioned nothing about the
> availability of PC software.

>

> I went to the MFJ website, left a short email, and received the
information

> i needed in just a few hours. One person's experience does not make a
track

> record, but email worked for me in this case.

>

> Oblgatory disclaimer: No pecuniary interest in MFJ, etc.

>

> BTW, does anyone have any info on the new MFJ Cub QRP transceivers? The
> website has no product info.

>

> 72

> Norman

>

> >-----

> >

> >Date: Tue, 21 Dec 1999 13:35:06 -0600

> >From: Dave Sjolín <sjolin@swbell.net>

> >To: HWRM1SS@aol.com

> >Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> >Subject: [58549] Re: MFJ WOW!

> >Message-ID: <385FD66A.805B1967@swbell.net>

> >MIME-version: 1.0

> >Content-type: text/plain; charset=us-ascii

> >Content-transfer-encoding: 7bit

> >

> >HWRM1SS@aol.com wrote:

> >>

> >> I am glad someone had a good experience with them. All I wanted was a
> >> diagram for my ailing 207. I never got it. I sent several E-mails to
their

> >> tech support dept. I even went so far as to itemize all the MFJ

products I
> >> have purchased over the years(11 or 12) to hopefully show to them
that I
> >> was a good customer. Not even a return E-mail. I own a 259B also and
like
> >> it a lot, but I worry about the service after the warranty is over as
the
> >> case with my 207. They used to put a diagram in the back of their
users
> >> manuals. Why not now? This was the first time I needed them and they
let me
> >> down 100%.
> >>
> >> Randy
> >>
> >> You will get nothing with email. You should either call or write them a
> >> letter. I have never had a problem with getting any information from
them...
> >> In the past when I have needed documentation I have written a brief
letter
> >> and received the material via return mail or a reference to their
website
> >> where I can download the document...
> >> Howard K3HW
> >
> >>I agree with Howard. I've had nothing but good experiences either
> >>calling or writing. Unfortunately, unless you are advised to contact the
> >>manufacturer by email and have had prior experience doing do, its
> >>probably best to contact manufacturers in the old fashion way. They are
> >>almost guaranteed to be set up to respond to calls and letters. Email is
> >>still new at many companies and may be covered hit or miss. For example,
> >>the one person who has access to the email may be ill or on vacation and
> >>there the mail sits untouched. I'm not saying its right. Just if you
> >>want results, dont depend on email. If you are too cheap to use the
> >>phone, then dont blame the manufacturer for lack of support.
> >
> >>73 de Dave, N0IT
> >
> >-----
> >
>
> *****
> Norman Young <><
> KA4PUV
> Zebulon, NC
> *****
>

Date: Wed, 22 Dec 1999 06:58:34 -0500
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-1@lehigh.edu
Subject: [58584] MFJ
Message-ID: <4.2.2.19991222065619.00a4c780@mailhost.det.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm on their side. They make the stuff we want and the big
guys can't be bothered with. Had very little trouble with it.

Only real trouble I had was with the big roller tuner. It kept
jjumping the track, and the counter didn't work. Called them,
they shipped a new one out, and I returned the old one.

But some people just won't use it if it doesn't say collins. Not
a bad idea, but I can't afford it.

73 jerry w8gnd

Date: Wed, 22 Dec 1999 08:46:09 EST
From: ARDUJENSKI@aol.com
To: nwq-1@scn.org, qrp-1@lehigh.edu, TenTec@contesting.com
Subject: [58585] WANTED: 263 VFO FOR CORSAIR I
Message-ID: <0.aab1aaad.25923021@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Looking for 263 VFO for CORSAIR I.
ALAN KB7MBI
Woodinville, WA

Date: 22 Dec 99 15:11:07 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [58586] FS - OHR 100 (40M)
Message-ID: <19991222151107.22250.qmail@aw163.netaddress.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

OHR Explorer II - cw rig that tunes about 70 KHz of the band (select what= portion you want). It has an unconnected DD-1 jack installed on the back = and no other mods. Built by N5ET, I'm the third owner. KQ5U was the previous = owner and he bagged 33 fox pelts with it in the 97-98 season. Selling only to m= ake room for a Sierra.

Price is \$95 shipped conus =

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 22 Dec 1999 10:13:31 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [58587] MFJ is only partially responsive
Message-ID: <000301bf4c8f\$1bda7840\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When MFJ first came out with its MFJ-784 DSP filter, I tried one at the Boxboro hamfair. Martin Jue demo'd it to me and I plunked down my bux shortly thereafter.

It worked nicely, although I noticed that at times its automatic heterodyne notch filter wouldn't work.

I called MFJ and it sent me a partial schematic after I told its serviceman that I wanted to test the pushbutton switches that activated the notch filter. Although I explained that I thought the problem was a firmware bug, he insisted it had to be the switches too. As I had pointed out to MFJ, the switches in question handled multiple functions, and those other functions worked! It really couldn't be a matter of failing mechanical switches.

Well, MFJ did send me the partial schematic, and I did check the electrical operation of the switches, and they were FB--as expected.

I finally wound up buying (for an additional \$25) a new EPROM with new MFJ code. Voila! The notch filter function bug was gone. I wrote a letter to MFJ about that, but the company never answered!

So, my conclusion is that MFJ isn't truly geared up to be customer service oriented. On the plus side, its equipment works, usually as advertised. The reliability of its MFJ-1270 series of TNCs in remote applications is almost legendary. But, when MFJ screws up, the company won't necessarily fess up--or make good! That was my experience.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L # 687 .-.-.

Date: Wed, 22 Dec 1999 09:29:31 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'ai2q@ispchannel.com'" <ai2q@ispchannel.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58588] RE: MFJ is only partially responsive
Message-ID: <2D343922E283D211945C0008C7A41B2A01310262@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Years ago, I bought an MFJ 1270 TNC as my first "entry" into packet (especially since all the competitor's were much more expensive!), and I had no end of trouble with it. For whatever reason, it seemed the TNC processor would simply "...go off into the weeds..." and would require a total re-set and re-loading of the communication program, even though I NEVER turned off my rig or the TNC or the computer.

After fighting this for about two months, I gave up and sold it at a swapmeet for a "giveaway" price. I didn't contact MFJ 'cause I didn't think they'd be very responsive. I wonder how many other 1270 owners had similar problems? I was convinced it was software (ROMware), but without a logic analyzer, I couldn't prove it, and it doesn't look like MFJ would have "fessed up" anyway.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: AI2Q Alex [mailto:ai2q@ispchannel.com]
Sent: Wednesday, December 22, 1999 9:14 AM
To: Low Power Amateur Radio Discussion
Subject: MFJ is only partially responsive

<snip> I called MFJ and it sent me a partial schematic after I told its serviceman that I wanted to test the pushbutton switches that activated the notch filter. Although I explained that I thought the problem was a firmware bug, he insisted it had to be the switches too. As I had pointed out to MFJ, the switches in question handled multiple functions, and those other functions worked! It really couldn't be a matter of failing mechanical switches.

Well, MFJ did send me the partial schematic, and I did check the electrical operation of the switches, and they were FB-as expected.

I finally wound up buying (for an additional \$25) a new EPROM with new MFJ code. Voila! The notch filter function bug was gone. I wrote a letter to MFJ about that, but the company never answered!

So, my conclusion is that MFJ isn't truly geared up to be customer service oriented. On the plus side, its equipment works, usually as advertised. The reliability of its MFJ-1270 series of TNCs in remote applications is almost legendary. But, when MFJ screws up, the company won't necessarily fess up-or make good! That was my experience.<snip>

Date: Wed, 22 Dec 1999 08:39:31 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [58589] MFJ
Message-ID: <38608E43.B1C474F5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks, this is NOT the "slam MFJ" list. People may have problems with different suppliers, but this forum is not the place for threads of this sort.

I have no opinion about MFJ one way or another, but sure would like to see you take this topic somewhere else.

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Wed, 22 Dec 1999 10:56:06 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <KKanalz@excel.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58590] Re: MFJ is only partially responsive
Message-ID: <003901bf4c95\$1b78c180\$9001a8c0@wn.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think a lot of the MFJ issue revolves around the fact they sell a very good competitive product, but they generally are the 'low-ball" product in the market place.

I love what MFJ equipment I have. Their mini-tuners are incredible for the bucks involved. But when they say 250W? Come on! That's a line with a hook on the end! I've had my 901 'arc over' when used at 75W by a friend.

And while I think their 1270 TNC is pretty good as a bottom line TNC, just remember, it IS a BOTTOM LINE TNC!! I had a friend with one that was sent back for repair twice. Finally he brought it to me and asked if I wanted it cheap or could take a look at it for him. It kept dropping configurations. Turned out the transistor that switched the backup battery was in backwards.

So while I actually like MFJ, and buy more of their products, I'm under no illusion that I am buying a 'top end' product. I'm buying a CHEAP product (and that is NOT to imply cheaply made!) and that the level of support I should expect could be minimal.

Mike

Date: Wed, 22 Dec 1999 11:09:26 EST
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [58591] CONTESTS: Norcal TTF
Message-ID: <19991222.061037.5391.0.kh6b@juno.com>

Gang,

Anyone know when the "To-The-Field" event will be next year. I have to make reservations early as the park pavilions are very popular. I believe that the past TTF was on the 4th or last Saturday in April. Since April 2000 has five Saturdays, I would like to know if April 22 or April 29 is the important date. Any NEW

rules this time?

Aloha,
Dean KH6B

Dean KH6B Hilo HI BK29KP
ARRL Life, HI Chap. 194 QCWA
HI QRP 001

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Date: Wed, 22 Dec 1999 11:28:38 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <kh6b@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58592] Re: CONTESTS: Norcal TTF
Message-ID: <035001bf4c99\$9ba8c720\$010044c0@cb29328-e.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

http://www.alltel.net/~johnshan/contest_apr.html

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Dean W Manley <kh6b@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, December 22, 1999 11:11 AM
Subject: CONTESTS: Norcal TTF

>Gang,

>

>Anyone know when the "To-The-Field" event
>will be next year. I have to make reservations
>early as the park pavilions are very popular.
>I believe that the past TTF was on the 4th or
>last Saturday in April. Since April 2000 has five
>Saturdays, I would like to know if April 22 or
>April 29 is the important date. Any NEW

>rules this time?
>
>Aloha,
>Dean KH6B
>
>
>Dean KH6B Hilo HI BK29KP
>ARRL Life, HI Chap. 194 QCWA
>HI QRP 001
>
>-----
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Date: Wed, 22 Dec 1999 12:02:17 -0800
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58593] MFJ
Message-ID: <38612E48.C8CD7CA6@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I to am on the side of MFJ....and being a cross border MFJ shopper,I have had nothing but good friendly and fast help.....I own a few pieces of equipment from MFJ,my pride being my 9420 with cw module,that I use mobile...I had a problem with it when I first bought the rig.I phoned them,and within two days ,I had a replacement for the rig that I had,and all costs of sending the other rig back were taken care of...

And yes,they do build the stuff for us that the big boys cant be bothered with..

Merry Christmas and a Happy New year to all on the list....

Fred
VE3FAL
Thunder Bay,Ontario,Canada
28.241mHz VA3SBB Beacon,5 watts into full wave vertical loop
Send reports to:
flesnick@tbaytel.net
ve3fal@hotmail.com

Date: Wed, 22 Dec 1999 08:40:53 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>, "'elecraft@qth.net'" <elecraft@qth.net>
Subject: [58594] IronDemo.ZIP Limited Ranges on Demo Versions
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE601186FBD@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi All

Just a reminder from the author John Bellora that these demo programs are functional but ranges are severely limited until one registers the programs.

Dave VE7PCC Vancouver BC Canada

Date: Wed, 22 Dec 1999 10:18:50 -0700
From: Rod Cercone <rlc@frii.com>
To: Roger Hightower <n7kt@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58595] Re: MFJ
Message-ID: <19991222101850.A92428@io.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

On Wed, Dec 22, 1999 at 08:39:31AM +0000, Roger Hightower wrote:
> Folks, this is NOT the "slam MFJ" list. People may have problems with
...

Folks Roger's right time to put this to rest, I can say that I started it.

The intent of my posting was to convey a single point of information about MFJ's sincerity about their, "No Matter What" warranty. Thought it might be useful to some wondering about it. I was.

So 'nuff said about MFJ. Back to Radio stuff.

Did everybody catch George Heron's SOP RX kit announcement? This looks to be a great radio hacker project. I getting one. My plan is to built it as a companion RX for my TT2. If possible I'd like to make it

"multiband" ala-Sierra & use it with TT2's for 20 and/or 30. (If you reply to this message, change the subject line to NJQRPCSOPRXKIT)

--

72/3 Rod, NØRC -- Ft Collins, CO

Date: Wed, 22 Dec 1999 12:46:09 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [58596] UPS COD
Message-ID: <0.e8f3cfcc.25926861@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Just wanted to check and see if experience with the UPS COD service is positive. For those not familiar here is how it works. You sell a radio and send it UPS COD. They deliver and pick up the money order addressed to you and UPS mails it to you. Service costs about \$5. With the rip offs taking place this seemed like a good way to go. Wanted to see if this has worked well with you folks that have tried it.

Alan KB7MBI

Date: Wed, 22 Dec 1999 08:54:13 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [58597] MFJ eMail Filter
Message-ID: <38611045.4A36919A@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am sure every one is having fun with the MFJ topic but it is now time for me to filter it. Would everyone please use a more detailed subject definition so that I don't have to filter out really good MFJ data. Just using MFJ as the topic forces me to filter on "MFJ". This may cause loss of good information if I forget to take out the filter when this subject dies down.

See you all in the mW contest.

Thanks.

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@qsl.net>
ICQ 11022915 (Info at <http://www.icq.com/>)

Date: Wed, 22 Dec 1999 13:41:15 -0500
From: "Hugo Catta" <h.catta@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<agtaylor@ix.netcom.com>
Subject: [58598] Re: FS: Sierra also QRP trip to 7-land
Message-ID: <002c01bf4cac\$216ada80\$f9db4e0c@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Allan G Taylor <agtaylor@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 21, 1999 11:12 AM
Subject: Re: FS: Sierra also QRP trip to 7-land

> Apparently the venerable Sierra is considered to be yesterday's
> newspaper... I am taking the rig off the market: no offers received
> at the very low price offered.
>

The Sierra shines in summer. Wait until the weight of other so called
"portable" rigs with bigger battery needs bring back the demand.
I'm not getting rid of mine for that and other many reasons.

72 es 73 (mine puts out 8 Watts if required)
Hugo
CX9AAK/W2

Date: Wed, 22 Dec 1999 11:43:35 -0700
From: Rod Cerkoney <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [58599] Nice Propagation Site
Message-ID: <19991222114335.A96101@io.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

I found a nice propagation site: <http://hfradio.org/propagation.html>

It has a nice collection of information, and you can register for email notification of index changes. Here is the latest one I received.

SFI=217 | A=3 | K=1 up from 0 at 1800 on 22 December. SAF: low to moderate, GMF: +quiet

Aurora Level: 4

Check it out!

--

72/3 Rod, NØRC -- Ft Collins, CO

Date: Wed, 22 Dec 1999 11:50:20 -0700
From: Rod Cerkoney <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58600] Hi-speed CW trainer
Message-ID: <19991222115020.B96101@io.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

Time to get serious about this hi-speed code stuff.

I can't get SM 4.16 to work on my Win98 laptop, booted from DOS, so I need a new tool. I would prefer a computer program that can send read and send text files, the way SM can, and I want something that can send in the 30-40wpm range. Suggestions?

--

72/3 Rod, NØRC -- Ft Collins, CO

Date: Wed, 22 Dec 1999 10:55:56 PST
From: Roger Traylor <traylor@ECE.ORST.EDU>
To: h.catta@worldnet.att.net
Cc: qrp-1@lehigh.edu
Subject: [58601] Sierra as yesterday's newspaper
Message-ID: <199912221855.KAA05782@guille.ECE.ORST.EDU>

Allan and Gang,

From Allans email....

> > Apparently the venerable Sierra is considered to be yesterday's
> > newspaper... I am taking the rig off the market: no offers received
> > at the very low price offered.

Yesterday's newspaper? Not in my shack. The Sierra is my station's _main_ rig. I've traveled 15,000 miles with it. Its been abused with rain, dirt, food smears, bugs, dust, cold, heat. Its never been anything but rugged, reliable, and performed well. Worked lots of DX and local stuff too. I'll never part with it.

How's that for an advertisement Allan? Do I get a commission? ;^)

Roger Traylor
WB4TPW

Date: Wed, 22 Dec 1999 12:55:48 -0600
From: "Kevin Glynn" <9glynn@sverdrup.com>
To: <ARDUJENSKI@aol.com>, <qrp-1@Lehigh.EDU>
Subject: [58602] Re: UPS COD
Message-ID: <s860ca5f.082@smtpmime.sverdrup.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi Alan,

I've used it with no problems in the past.

No flames please guys, but I've been cursed at times as a "Deadbeat 2 = Lander" ham; meaning that I'm going to beat someone with a bounced check, = etc. I guess I was catergorized...

I've asked hams who ask for a postal money order from me to send it via = UPS COD and we'll split the five bucks. Some said yes, some said no. Why = should I schlep to the post office and trust the other side when in fact = they don't trust me? Should I then trust them?

Enough rambling. I have not found this on the QRP-L by the way, but just = an observation. Many on this list cross the stuff in the mail, which is = very cool. This has worked for me a bunch of times in the past.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 22 Dec 1999 13:55:16 -0500
From: "Chris" <w4yyz@tampabay.rr.com>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58603] Re: UPS COD
Message-ID: <033d01bf4cae\$162cabb0\$2a185c18@BP6>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Just wanted to check and see if experience with the UPS COD service is
> positive. For those not familiar here is how it works. You sell a radio
and
> send it UPS COD. They deliver and pick up the money order addressed to you
> and UPS mails it to you. Service costs about \$5. With the rip offs taking
> place this seemed like a good way to go. Wanted to see if this has worked
> well with you folks that have tried it.
> Alan KB7MBI

I have done it before, it does take them some time for you to get it, and I would
check off the "CASH ONLY" box, UPS takes the cash, and sends you a check.
But what's going to stop someone from sending a rock insted of a radio?

Date: Wed, 22 Dec 1999 11:10:44 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'w4yyz@tampabay.rr.com'" <w4yyz@tampabay.rr.com>, Low Power Amateur Radio

Discussion <qrp-1@Lehigh.EDU>
Subject: [58604] RE: UPS COD Rocks or Radios
Message-ID: <BFEFC3386986D2119C0800A0C99B5DE601186FC4@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi All

Just a quick suggestion, if you don't get a good feeling from the person on the phone, don't send money, get hold of the local ARRL rep and have him hold the radio for you until the check arrives to him, then have him mail the radio and pass the check on to the seller...if ARRL rep is not close maybe get hold of a lawyer local to the seller and have them hold the rig till the check arrives to them and do the same...

Just a thought....

Dave VE7PCC

-----Original Message-----

From: Chris [mailto:w4yyz@tampabay.rr.com]
Sent: Wednesday, 22 December, 1999 10:55 AM
To: Low Power Amateur Radio Discussion
Subject: Re: UPS COD

> Just wanted to check and see if experience with the UPS COD service is
> positive. For those not familiar here is how it works. You sell a radio
and
> send it UPS COD. They deliver and pick up the money order addressed to you
> and UPS mails it to you. Service costs about \$5. With the rip offs taking
> place this seemed like a good way to go. Wanted to see if this has worked
> well with you folks that have tried it.
> Alan KB7MBI

I have done it before, it does take them some time for you to get it, and I would check off the "CASH ONLY" box, UPS takes the cash, and sends you a check. But what's going to stop someone from sending a rock insted of a radio?

Date: Wed, 22 Dec 1999 14:29:07 -0500
From: semann@tcia.net (Steven Mann)
To: 9glynn@sverdrup.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [58605] Re: UPS COD
Message-ID: <38612683.CAABF11D@tcia.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I always use USPS Money Order when I purchase and when I sell equipment.

I personally don't like UPS.

Steve, N4EY

Date: Wed, 22 Dec 1999 14:30:31 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: Dave Barrett <DBarrett@creo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58606] RE: UPS COD Rocks or Radios
Message-ID:
<Pine.LNX.4.20.9912221425490.3446-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 22 Dec .if ARRL rep is not
> close maybe get hold of a lawyer local to the seller and have them >

Yeeooow... A "lawyer" ? for save keeping?.....
Don't get me started :-)))

Happy holidays to all on the list....even the lawyers :-)

Jim n2go

Date: Wed, 22 Dec 1999 14:43:44 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <9glynn@sverdrup.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58607] Re: UPS COD
Message-ID: <00a001bf4cb5\$6c5eb1c0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Enough rambling. I have not found this on the QRP-L by the way, but
just an obersevation. Many on this list cross the stuff in the mail,

which is very cool. This has worked for me a bunch of times in the past.

>

> 72 Kevin N2TO

I've bought a number of items through contacts from here on this list. And I have NEVER been stiffed.

My policy is I call to 'work it out'. That's pretty hard-coded that I now have contact for someone, and I will admit, yes, I do perform a couple of 'checks'. If it doesn't feel right, I won't go through with it. But I've never had the situation where it doesn't 'feel right' from here on the QRP list.

In fact, once I feel the deal is good, I usually offer to send a personal check IN ADVANCE of the item being shipped. I would just rather do that than the hassles of money orders or whatever.

Granted, I've not bought any big stuff, like over \$1000, but I'd done it with mobile rigs.

To be honest, I did have a bit of a 'feeling' when I sent off a couple hundred dollars for a dual band mobile, and it didn't arrive and didn't arrive, and didn't.... Anyway, I finally got in touch with the guy at a work number. No, actually, someone who knew the guy. I don't want to give too many details, but the work was quite verifiable, and they were in an 'emergency' situation for a week that ended up stretching into a few weeks, and I did get my radio. And I was quite pleased. (The delay was quite understandable, and while I would have appreciated being notified, I can 'understand' why I wasn't.)

I just think that the more people go through tricks and fancy moves to protect themselves from fraudulent people, the bottom line is that you really CAN'T protect yourself, so it's gotta be a gut call. So protect yourself with your intuition and set up the deal so that you can use it. Not depend on someone from UPS that may not care at all what is going on.

Mike

Date: Wed, 22 Dec 1999 15:05:41 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [58608] Re: Improved OPAMPS for linear audio filter upgrades
Message-ID: <199912221946.0AA23358@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

To answer some of Bob's other questions...

All op amps have standardized pin outs. Here are the standard packing.

Single op amp, 14 pin (741, obsolete)
Dual op amp, 14 pin (747, obsolete)
Dual op amp, 10 pin TO-5 (obsolete)
Single op amp, 8 pin TO-5
Single op amp, 8 pin dip (same as TO-5 pinout)
Dual op amp, 8 pin
Quad op amp, 14 pin.

Single and dual opamps no longer come in 14 pin packages,so, if you want to replace one of these with a new op amp, you will need to make an adaptor, or rewire the board.

Generally speaking, (at DC or audio) a JFET or BIFET op amp can replace any other op amp. Some op amps, like the LM324 or LM358 have inputs that can work down to ground (or the neg supply) . If the circuit takes advantage of this feature, a JFET or BIFET can't be used, as these inputs need to be about 1-1.5 volts from the supply rails.

All op amps can run off a dual (+/-) supply or single ended supply. In the case of a single ended supply, the (+) input is generally biased at 1/2 the supply voltage and this sets the operating point around which the output will swing.

The Unity gain BW of an amplifier should be at least 10 times the max operating freq of the circuit, to ensure good open loop gain at the operating frequency. So, for audio circuits, a BW of 100 Khz is acceptable. Nearly every op amp ever made can do this. Going much beyond this won't help much and can lead to stability problems if you go with a really fast op amp.

Now, will using a low noise, low distortion op amp make a significant improvement over say, an old 741? Probably not enough to be noticed.

Between the atmospheric noise and noise in the RF section of the rig, this noise will be significantly greater than any noise in the op amp and will mask any improvement the newer part would provide. Since these new high performance op amps aren't all that expensive, it certainly don't hurt to use them in a new design.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 22 Dec 1999 11:47:26 -0800
From: Robert Marlan <rsm@halcyon.com>
To: qrp-l@Lehigh.EDU
Subject: [58609] Sierra radio found to be illegal...
Message-ID: <4.2.2.19991222114718.013d7030@mail.nwnexus.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:55 AM 12/22/99 -0800, you wrote:

I love my sierra _
Its great - Never had so much fun for a couple hundred.....
hmmm.... if its this much fun - it must be illegal.

Happy Holidays to all.

Robert Marlan KA6NOC/7

Yesterday's newspaper? Not in my shack. The Sierra is my station's _main_ rig. I've traveled 15,000 miles with it. Its been abused with rain, dirt, food smears, bugs, dust, cold, heat. Its never been anything but rugged, reliable, and performed well. Worked lots of DX and local stuff too. I'll never part with it.
How's that for an advertisement Allan? Do I get a commission? ;^)
Roger TraylorWB4TPW

Date: Wed, 22 Dec 1999 13:48:28 -0600
From: "Kevin Glynn" <9glynn@sverdrup.com>
To: <qrp-l@Lehigh.EDU>
Subject: [58610] Bird Wattmeter? Opinions?
Message-ID: <s860d6b8.018@smtpmime.sverdrup.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi gang,

I'm looking to buy a good wattmeter shortly, and was wondering what you = think is the best overall buy/value.

I've seen and read about the Bird 43. Are they're others that fit the = bill, too?

Does anyone own/use it? Also, are they're any reputable dealers in used = gear, or is someone looking to sell theirs?

Thanks for the help, I appreciate it.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 22 Dec 1999 14:50:13 EST
From: RangerSF5@aol.com
To: w4yyz@tampabay.rr.com, qrp-1@lehigh.edu
Subject: [58611] Re: UPS COD
Message-ID: <0.73d261fb.25928575@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 12/22/99 2:08:41 PM Eastern Standard Time,
w4yyz@tampabay.rr.com writes:

<< check off the "CASH ONLY" box, UPS takes the cash, and sends you a check.
But what's going to stop someone from sending a rock insted of a radio?
>>

I just called UPS and they informed me that they no longer will take cash.
Money order or certified check only.
Just my 2 cents worth of info.
Bob
WA2HOQrp <tm>

Date: Wed, 22 Dec 1999 14:48:01 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: qrp-1@lehigh.edu
Subject: [58612] Re: Counterpoise question
Message-ID: <38612AF1.22BA828D@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> There is a lot of misunderstanding about vertical radials. First,
> counterpoise is a misnomer. A counterpoise is a dead weight used to
> counterbalance a mechanical load on a fulcrum and there is no part of an
> antenna that fits that description. Radials under a vertical are an
> active part of the antenna whether they are at ground level or raised
> above the ground and are called radials in both cases because of the way
> that they extend from the feedpoint like spokes in a wheel.

Well, my dictionary gives two other meanings for the word counterpoise:
(2) Any force or influence that balances or equally counteracts another.
(3) The state of being balanced or in equilibrium. Both of these are
accurate descriptions of what an antenna "counterpoise" does, and both
are much more descriptive of function than "radial." The latter simply
identifies geometry and really says nothing about function.

72 DE K1CL
Chuck.

Date: Wed, 22 Dec 1999 14:51:51 EST
From: HWRM1SS@aol.com
To: ARDUJENSKI@aol.com, njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [58613] Re: UPS COD -- NO WAY !!!
Message-ID: <0.39cf246f.259285d7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

NO WAY !!!

You have to be home for UPS COD service -- most of us work for a living...

Money Orders cost money and have to be purchased at the post office or
another retail outlet ... and that is also time consuming and inconvenient...

I have checks -- already paid for -- they are convenient and also are a
written and recorded record of a transaction... a valid contract actually,

which, if violated CAN be adjudicated ... ever try to trace or obtain a copy of a canceled money order -- good luck -- and in most cases you have to pay a fee to the money order underwriter and wait for weeks if not months for a copy...

In THIRTY years of amateur radio I have NEVER had a bad check from a ham... I even took a \$1200.00 check from a fella at Dayton several years ago for my Drake TR-7 line -- not a problem...

I have shipped equipment and other radio stuff based on a verbal agreement on the telephone -- check and radio usually cross in the mail -- not a problem...

That's the way it is ... ever think that someone who wants a money order or other cash instrument may be selling you crap?

Don't want my check? I ain't gonna buy your radio...

Merry Christmas to all

Tnx es 72

Howard K3HW

Date: Wed, 22 Dec 1999 13:52:11 -0600
From: "Kevin Glynn" <9glynn@sverdrup.com>
To: <qrp-1@Lehigh.EDU>
Subject: [58614] Coastal Dynamics Wattmeter?
Message-ID: <s860d796.033@smtpmime.sverdrup.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi gang,

Forgot to mention the Coastal Dynamcis Wattmeter. Any owners?

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 22 Dec 1999 20:24:47
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [58615] Log / QSL programs...
Message-ID: <199912222021.0AA14285@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

I'm about to take the plunge and enter all my QSOs into some kind of program....All 40 years worth...Only problem is - which one to choose? Want something that has search capability, and has plenty of capacity (no 16k or 32k or 64k entry limits).... Do not want or need realtime logging capability...just an old fashioned directory of QSOs....with plenty of space for comments and other cross indexing info....

So my question to youall is What do you use? and, What would you recommend?

Larry KA5T
Georgetown TX

Date: Wed, 22 Dec 1999 14:32:05 -0600
From: femens@hiwaay.net
To: qrp+respondents <femens@hiwaay.net>
Cc: qrp-l@lehigh.edu
Subject: [58616] Thanks for help on qrp +
Message-ID: <199912222031.0AA00054@mail.HiWAAY.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Five responses within a couple of hours! I know it has been said before, but this list is the best.

My manual has gone temporarily AWOL and couldn't find it to check on the reset feature. I now have a new lithium cell for the lil radio and will be putting it in as soon as the season and y2k give me a round tuit.

Thanks to all who responded to my request.

Happy holidays & 72

Date: Thu, 23 Dec 1999 07:38:17 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [58617] Re: Improved OPAMPS for linear audio filter upgrades
Message-ID: <386136B9.D2F95D92@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> So, for audio circuits, a BW of 100 Khz is
> acceptable. Nearly every op amp ever made can do this. Going much
> beyond this woun't help much and can lead to stability problems if
> you go with a realy fast op amp.

Reminds me. Has anyone ever experimented filtering at frequencies much higher than audio? e.g. 100 Khz even 455 Khz? Often wondered.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S
151o:34':00" E
VK2TIP "I'll give you the TIP mate" QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/> URL -
<http://www.qsl.net/vk2tip/>

Date: Wed, 22 Dec 1999 16:12:09 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu
Cc: n2cx@voicenet.com
Subject: [58618] Wanted Logging program for Poquet PQ0181
Message-ID: <199912222112.QAA453000@nss4.cc.lehigh.edu>

Group,

I'm *sure* this has come up before....

I just got a real neat piece of "sunset technology", a Poquet Pocket PC for a most reasonable price..

it's a 1.2 lb "pamtop" that runs DOC 3.3, has a couple of 1 meg non-volatile SRAM "disk" cards, an RS-232 port and runs for weeks on two AA cells. Oh heah, there's a 2400 baud modem wih it, too.

Looks like just the ticket for portable logging.

Now where can I find a suitable DOS logging program?

BTW I did find a couple of Poquet web pages but no radio amateur software lsitings.

72/73,

joe E., N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Wed, 22 Dec 1999 15:35:56 -0600
From: "Kevin Glynn" <9glynn@sverdrup.com>
To: <grp-1@Lehigh.EDU>, <n2cx@voicenet.com>
Subject: [58619] Re: Wanted Logging program for Poquet PQ0181
Message-ID: <s860efe7.048@smtpmime.sverdrup.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hey Joe and gang,

Log-Eqf Ver 9.x is available and it's a DOS app. Not sure how much disk = space is required, but I have it home and can check if you'd like. He = also has a shareware version you can give a whirl from his website (he = being Tom N3EQF). I think the shareware vesrion does not have contesting =

config in it.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 22 Dec 1999 16:42:23 -0500
From: "Chris" <w4yyz@tampabay.rr.com>
To: <HWRM1SS@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [58620] Re: UPS COD -- NO WAY !!!
Message-ID: <03aa01bf4cc5\$6ee653c0\$2a185c18@BP6>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Don't want my check? I ain't gonna buy your radio...
>
> Howard K3HW

I'll take your check, but I'd hold it untill it cleared! It's a good thing that \$1,200 check cleared because you would be one pissed off camper!

Date: 22 Dec 99 21:55:23 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [58621] sierra mods site
Message-ID: <19991222215523.2122.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Does anyone know if there exists a modification site or listing of modifications for the Wilderness Sierra?

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 22 Dec 1999 17:02:06 -0500

From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [58622] Re: UPS COD -- NO WAY !!!
Message-ID: <00f201bf4cc8\$303ae700\$c227113f@win98>

In ALL dealings with people, Amateurs included, it is understood that a money order or cashier's check is preferred. However, not having been hurt In ANY deal, to date, (and I have even sent a piece of equipment in exchange for another on the other end) communication between purchaser and buyer is strongly recommended. I've even trusted one Ham who assured me his check was good-and it was indeed. I take each case as it comes and make a judgement call and to all I have done business with in the past, I thank you for your integrity.

Why use UPS COD? Why not do it directly and save the grief? Seems like common sense to me, but then what do I know.....

72,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

Date: Wed, 22 Dec 1999 17:32:51 EST
From: K2UD@aol.com
To: joe_stodgel@yahoo.com
Cc: qrp-1@lehigh.edu
Subject: [58623] Re: MFJ WOW!
Message-ID: <0.65345b7a.2592ab93@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

That's funny, after 5 e-mails MFJ told me it would COST \$5.00 for half a copied page of an antenna tuner manual. Must not have been the same person you dealt with. Seemed a bit stiff to me, wonder where that \$5.00 was really headed.

72

Howard Kraus, K2UD

Date: Wed, 22 Dec 1999 17:29:08 -0500
From: Barry J Minsky <w2bj@juno.com>
To: qrp-l@lehigh.edu
Subject: [58624] SIERRA FOR SALE
Message-ID: <19991222.172911.-309325.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Someone posted recently that he had a Sierra for sale for a reasonable price. I might be interested. Please e-mail me and let me know the condition and price. Thanks.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723

Date: Wed, 22 Dec 1999 21:20:45 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [58625] Re: Sierra as yesterday's newspaper
Message-ID: <19991222.225320.4878.0.wd3p@juno.com>

> Apparently the venerable Sierra is considered to be yesterday's
> newspaper... I am taking the rig off the market: no offers
>received

Not in my book either, I get 1,000 mile per watt QSOs out of most every day I'm on. I got a mobile in MS the other day at 10 mWatts for something on the order of 70,000 miles per watt. It's got WAS QRPP on it, and WAS at 1,000 miles per watt. It stays in my shack.

The problem may be that everyone already has one or else doesn't know how good they are.

73/82 de Larry.....WD3P in MD

Why pay more to get Web access?
Try Juno for FREE -- then it's just \$9.95/month if you act NOW!
Get your free software today: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 22 Dec 1999 17:59:32 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <mgoins@usa.net>
Subject: [58626] Re: sierra mods site
Message-ID: <004401bf4cd0\$4e9417a0\$acca9cce@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The NJQRP website (<http://www.njqrp.org>) has a link on its home page to a summary of Sierra mods.

72, George N2APB

----- Original Message -----

Does anyone know if there exists a modification site or listing of modifications for the Wilderness Sierra?

Date: Wed, 22 Dec 1999 18:11:48 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqr.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [58627] Some Atlanticon travel updates
Message-ID: <004a01bf4cd1\$f06219a0\$acca9cce@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We've been able to arrange some additional ways for QRPers to save money in their travel to Atlanticon QRP Forum.

1) Discounted air fare

We've been working closely with a travel agency to find the best location, prices and accommodations ... If you will be flying to our Philadelphia venue you should give a call to our Atlanticon travel agent who is able to get Atlanticon-goers 5% off whatever best prices you'd be able to make on your own, regardless of air carrier or source city. Contact info:

Grace Lee at "Travel For You" (410-931-7255).

2) Rooms

The first 100 people to reserve their Atlanticon rooms will be getting a

deluxe suite (includes a sitting room with extra TV, refrigerator and mini-bar) for the same low price we've negotiated for our group (\$79/night). And by the way, having a second person stay in any of our Atlanticon rooms only adds \$5 to the room rate ... so double up and save more.

Atlanticon QRP Forum is the largest east coast QRP gathering, now in its second year, this time planned for the weekend of March 24-26, 2000 in Philadelphia, PA. Full details are on the Atlanticon web page at <http://www.njqrp.org/atlanticon/>

72, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

End of QRP-L Digest 1677

